

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CA2004/001478

A. CLASSIFICATION OF SUBJECT MATTER According to International Patent Classification (IPC) or to both national classification and IPC
B63C-9/00, B63C-9/22, B63B-35/44, B63G-8/00, B63G-8/40

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC' B63C, B63B, B63G USPTO 114

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
CPC 114

Electronic data base consulted during the international search (name of data base, and, where practicable, search terms used)
Espacenet, Delphion, WEST, USPTO, Internet. Search terms used; submarine, submersible, evacuation, offshore, rescue

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3,902,553 (JERGINS, A. A.) 2 September 1975 * column 1, lines 5 - 10 and column 6, lines 41 - 58; figure 6 *	1,2,4,19,23,32,34-38
Y	-----	3,5,10-14,,20,22, 24-33
Y	GB 2 108 054 A (AUBERTY, M. et al.) 11 May 1983 * page 1, lines 4 - 6, page 1, lines 62 - 72, page 1, lines 108 - 124, page 2, lines 7 - 15, page 2, lines 88 - 115; figures 1 - 6 *	1-12,17,19,20-38
Y	----- US 4,646,672 (BENNETT, W. et al.) 3 March 1987 * column 3, lines 44 - 52 and column 4, lines 64 - 66; figures 1 - 4 *	15,16
Y	----- US 4,662,300 (McCALLUM, R. et al.) 5 May 1987 * column 1, lines 4 - 16; figures 1 and 2 *	18

Further documents are listed in the continuation of Box C.

Patent family members are listed in annex.

* Special categories of cited documents : "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or can not be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family
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Date of the actual completion of the international-type search
05 November 2004 (05-11-2004)

Date of mailing of the international-type search report
07 January 2005 (07-01-2005)

Name and mailing address of the ISA/
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Canadian Patent Office - PCT
Ottawa/Gatineau K1A 0C9
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Authorized officer
Gilbert Plouffe (819) 997-9811

INTERNATIONAL SEARCH REPORT
Information on patent family mem

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PCT/CA2004/001478

Patent Document Cited in Search Report	Publication Date	Patent Family Member(s)	Publication Date
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US4662300	05-05-1987	AT28304T T AU568272 B2 AU3741585 A CA1220191 A1 DE3464737D D1 DK154756B B EP0147084 A1 EP0165284 A1 FI84248B B JP6086236B B JP61500607T T NO162012B B SU1466645 A3 US4662300 A WO8502381 A1	15-08-1987 17-12-1987 13-06-1985 07-04-1987 20-08-1987 19-12-1988 03-07-1985 27-12-1985 31-07-1991 02-11-1994 03-04-1986 17-07-1989 15-03-1989 05-05-1987 06-06-1985